



CARLO GAVAZZI

CARLO GAVAZZI SPACE SpA

AMS02-PDS

DOC N°: PDS-RP-CGS-005

ISSUE : 1

DATE: 09/05/2008

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INSPECTION REPORT

APPLICABLE DOC. REF.

AMS02-PDS PFM Manufacturing and Inspection Plan PDS-PL-CGS-001
is. 1

PROC. REF.

N.A.

ITEM INSPECTED (Name, P/N, S/N) AMS02-PDS PFM – BOARDS — Inspection Point.

REQUIREMENT SATISFIED

Manufacturing according to aerospace standards

INSPECTION (Action/Results)

DESCRIPTION

Inspection was performed at Carlo Gavazzi Space premises starting on 9 May 2008 and was carried out on the following boards, detail of the inspected boards were below reported:

- 1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/016/A.
- 2) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/015/D.
- 3) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/016/C.

HARDWARE REVIEW

1) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/016/A, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.

The following NCRs were presented during the inspection:

- NCR-PDS-CGS-C-039(electrical connection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wire with adhesive EC 2216 B/A, perform a visual inspection of the previous rework.
- NCR-PDS-CGS-C-044(OVC protection improvement), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added components and wires with adhesive EC 2216 B/A, perform a visual inspection of the previous reworks.

The following PLVSs (Parts List Variation Sheet) were presented during the inspection:

- 11-AMS02PDS-740.01 rev / - A1 can be considered closed.
- 11-AMS02PDS-740.01 rev / - A2 can be considered closed.
- 11-AMS02PDS-740.01 rev / - A3 can be considered closed.
- 11-AMS02PDS-740.01 rev / - A4 can be considered closed.
- 11-AMS02PDS-740.01 rev / - A12 can be considered closed.
- 11-AMS02PDS-740.01 rev / - A14 can be considered closed.

The H/W has been visually inspected and is ok:no damage, visible clean is ok.

Operator

Quality Assurance

C.C.


Signature

Date

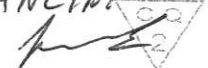
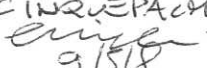
E. FRANCINI


09/05/08

C. CINQUEPALMI
9/5/08

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<p>INSPECTION (Action/Results)</p> <p>2) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/015/D, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./.</p> <p>The following NCRs were presented during the inspection:</p> <ul style="list-style-type: none"> NCR-PDS-CGS-C-039(electrical connection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wire with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. NCR-PDS-CGS-C-044(OVC protection improvement), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added components and wires with adhesive EC 2216 B/A, perform a visual inspection of the previous reworks. <p>The following PLVSS (Parts List Variation Sheet) were presented during the inspection:</p> <ul style="list-style-type: none"> 11-AMS02PDS-740.01 rev / - A1 can be considered closed. 11-AMS02PDS-740.01 rev / - A2 can be considered closed. 11-AMS02PDS-740.01 rev / - A3 can be considered closed. 11-AMS02PDS-740.01 rev / - A4 can be considered closed. 11-AMS02PDS-740.01 rev / - A12 can be considered closed. 11-AMS02PDS-740.01 rev / - A14 can be considered closed. <p>The H/W has been visually inspected and is ok:no damage, visible clean is ok.</p>	
Operator Signature Date	Quality Assurance E. FRANCINI 09/05/08  C.C. CINQUEPACCHI  9/5/8

 <p>CARLO GAVAZZI</p> <p>CARLO GAVAZZI SPACE SpA</p>	<h1>AMS02-PDS</h1>	<p>DOC N°: PDS-RP-CGS-005</p> <p>ISSUE : 1 DATE: 09/05/2008</p> <p>PAGE : 3 of 3</p>
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INSPECTION (Action/Results) 3) AUX DC/DC BOARD ASSY p/n:11-AMS02PDS-740.00 s/n:07/016/C, Assy:11-AMS02PDS-740.00 rev./, Parts List:11-AMS02PDS-740.01 rev./, Electrical Scheme:11-AMS02PDS-740.03 rev./, Master PCB:SPO-PD-020010-DR-03-CGS rev./. The following NCRs were presented during the inspection: <ul style="list-style-type: none"> • NCR-PDS-CGS-C-039(electrical connection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wire with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. • NCR-PDS-CGS-C-044(OVC protection improvement), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added components and wires with adhesive EC 2216 B/A, perform a visual inspection of the previous reworks. The following PLVs (Parts List Variation Sheet) were presented during the inspection: <ul style="list-style-type: none"> • 11-AMS02PDS-740.01 rev / - A1 can be considered closed. • 11-AMS02PDS-740.01 rev / - A2 can be considered closed. • 11-AMS02PDS-740.01 rev / - A3 can be considered closed. • 11-AMS02PDS-740.01 rev / - A4 can be considered closed. • 11-AMS02PDS-740.01 rev / - A12 can be considered closed. • 11-AMS02PDS-740.01 rev / - A14 can be considered closed. The H/W has been visually inspected and is ok:no damage, visible clean is ok.	
CONCLUSION All solder joints are of adequate quality, the soldering process complies to ECSS-Q-70-08 and ECSS-Q-70-38, all modifications are performed according to ECSS-Q-70-28. The open points are here listed: <ol style="list-style-type: none"> 1) NCR-PDS-CGS-C-039(electrical connection missing), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added wire with adhesive EC 2216 B/A, perform a visual inspection of the previous rework. 2) NCR-PDS-CGS-C-044(OVC protection improvement), NCR classified "minor" is still open during the inspection activity, the following corrective actions will be performed: glue the added components and wires with adhesive EC 2216 B/A, perform a visual inspection of the previous reworks. 	
Operator Signature Date	Quality Assurance <i>E. FRANCINI</i> <i>09/05/08</i>
C.C. <i>C. CINQUEPACCHI</i> <i>31518</i>	